

PTC093 - 094K Package Terminal Air Conditioner

PTC093K00AXXXAA
PTC093K00HVXXAA
PTC093K00HXXAA
PTC093K15AXXXAA
PTC093K25AXXXAA
PTC093K25VXXAA
PTC093K35AXXXAA
PTC093K35VXXAA
PTC093K50AXXXAA
PTC094K00HXXAA
PTC094K15AXXXAA
PTC094K25AXXXAA
PTC094K35AXXXAA
PTC094K50AXXXAA



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This manual is to be used by qualified technicians only.

Important Information

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Functional Parts List	3
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Views shown are for parts illustrations only, not servicing procedures.

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example M1 - Model#1 M2 - Model#2 M3 - Model#3

Goodman Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

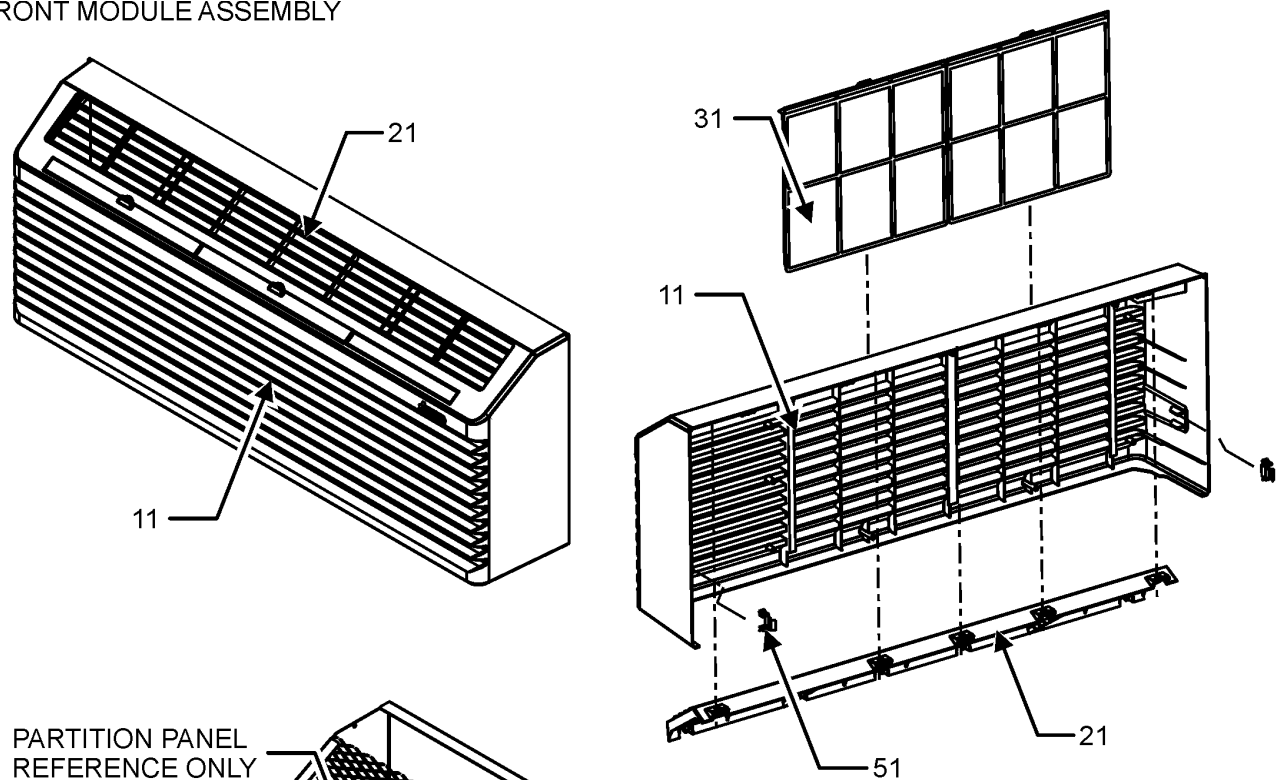
Part

No: Description:

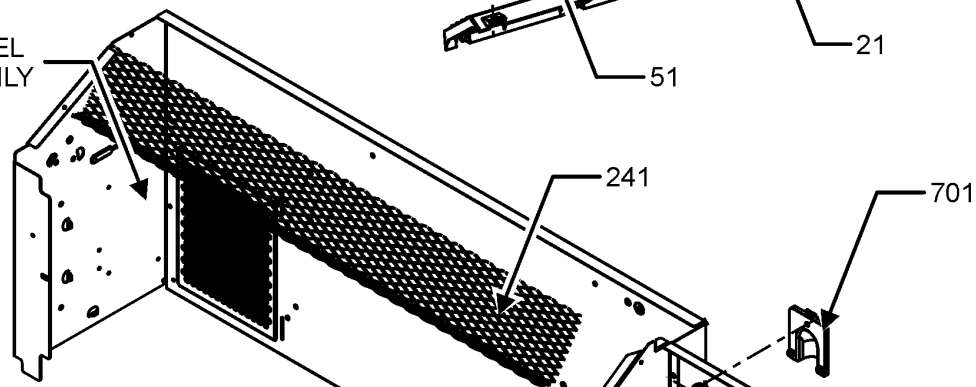
		Expanded Model Nomenclature
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD (M10, M11, M12, M13, M14)	M1 - PTC093K00AXXXAA
CAP020200450CS	CAP, 2/20 MFD/450V/DUAL RD (M1, M2, M3, M4, M5, M6, M7, M8, M9)	M2 - PTC093K00HVXXAA
CAP010000500RP	CAPACITOR (M11, M12, M13)	M3 - PTC093K00HXXXAA
CAP015000500RP	CAPACITOR (M14)	M4 - PTC093K15AXXXAA
CAP020000440RP	CAPACITOR (M1, M4, M5, M6, M7, M8, M9)	M5 - PTC093K25AXXXAA
39B207GD&0JKB	Compressor-R410-A (M10, M11, M12, M13, M14)	M6 - PTC093K25VXXXAA
39B202BD&0JKZ	Compressor-R410-A (M1, M2, M3, M4, M5, M6, M7, M8, M9)	M7 - PTC093K35AXXXAA
		M8 - PTC093K35VXXXAA
		M9 - PTC093K50AXXXAA
0130P00177	CORD, 250 VAC, 20A (LCDI (M7, M8)	M10 - PTC094K00HXXXAA
0130P00184	CORD, 250VAC, 15A, (LCDI (M1, M2, M3, M4, M5, M6)	M11 - PTC094K15AXXXAA
0130P00178	CORD, 277V, 20A (M10, M11, M12, M13)	M12 - PTC094K25AXXXAA
0130P00186	CORD, 277V, 30A (M14)	M13 - PTC094K35AXXXAA
0130P00185	CORD,250VAC,30A (LCDI) (M9)	M14 - PTC094K50AXXXAA
0161P00140	COVER WIRE	
0161P00055	FAN CONDENSER	
3P263839-1	FERRITE CORE	
A3410402	FUSE-15A - BLUE (M10, M11, M12)	
A3410403	FUSE-20A - ORANGE (M13)	
A3410404	FUSE-25A - GREEN (M14)	
0275P00087	Heater 230 v-3.5 KW (M7, M8)	
0275P00089	Heater 230 v-5 KW (M9)	
0275P00088	Heater 265 v-3.5 KW (M13)	
0275P00090	Heater 265 v-5 KW (M14)	
0275P00022	HEATER ASSY (M4)	
0275P00026	HEATER ASSY (M11)	
0275P00019	HEATER ASSY (M5, M6)	
0275P00023	HEATER ASSY (M12)	
0130P00187	HUMIDITY SENSOR (M2, M6, M8)	
0131P00062	INDOOR MOTOR DC (M2, M3, M10)	
0131P00071	INDOOR MOTOR-PSC (M14)	
0131P00070	INDOOR MOTOR-PSC (M11, M12, M13)	
0131P00061	INDOOR MOTOR-PSC (M9)	
0131P00060	INDOOR MOTOR-PSC (M1, M4, M5, M6, M7, M8)	
PCBCP160	M90 Board Tier 1 (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)	
PCBCP170	M90 Board Tier 2 (M2, M3, M10)	
0130P00137	MOTOR (M2, M6, M8)	
0131P00085	OUTDOOR MOTOR, DC (M10)	
0131P00069	OUTDOOR MOTOR-PSC (M11, M12, M13, M14)	
0131P00068	OUTDOOR MOTOR-PSC (M1, M2, M3, M4, M5, M6, M7, M8, M9)	
60349608A	PROTECTOR, OVERLOAD, RECHI (M1, M2, M3, M4, M5, M6, M7, M8, M9)	
0130M00735	SWITCH HIGH PRESSURE	
0130P00167	THERMISTOR INDOOR	
0130P00188	THERMISTOR OUT 5MM	
0130M00726	Transformer 20VA 240/208V (M1, M2, M3, M4, M5, M6, M7, M8, M9)	
0130M00728	TRANSFORMER 20VA 277V (M10, M11, M12, M13, M14)	
0130M00727	Transformer 40VA 240/208V (M2, M3, M6, M8)	
0130M00729	TRANSFORMER 40VA 277V (M10)	

FRONT MODULE AND CONTROL PANEL ASSEMBLY

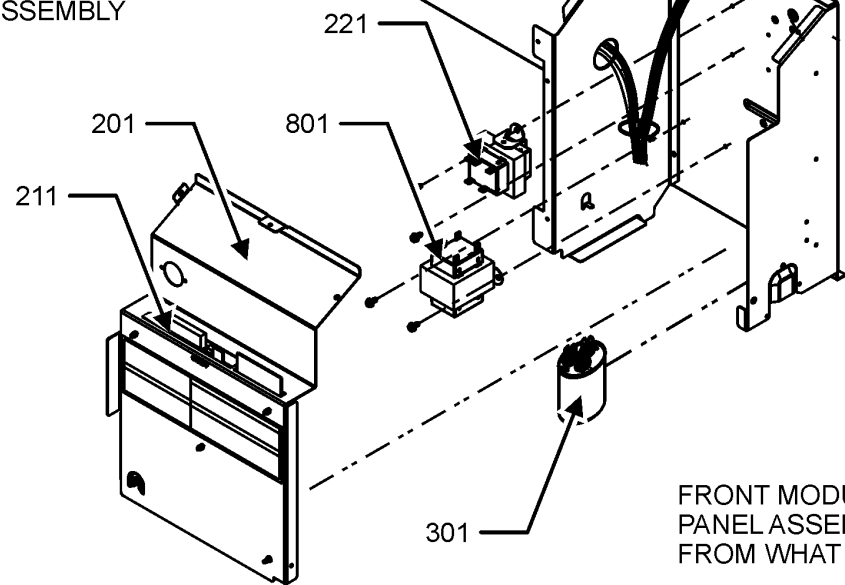
FRONT MODULE ASSEMBLY



PARTITION PANEL
REFERENCE ONLY



CONTROL PANEL ASSEMBLY



FRONT MODULE AND CONTROL
PANEL ASSEMBLY MAY DIFFER
FROM WHAT IS SHOWN

FRONT MODULE AND CONTROL PANEL ASSEMBLY

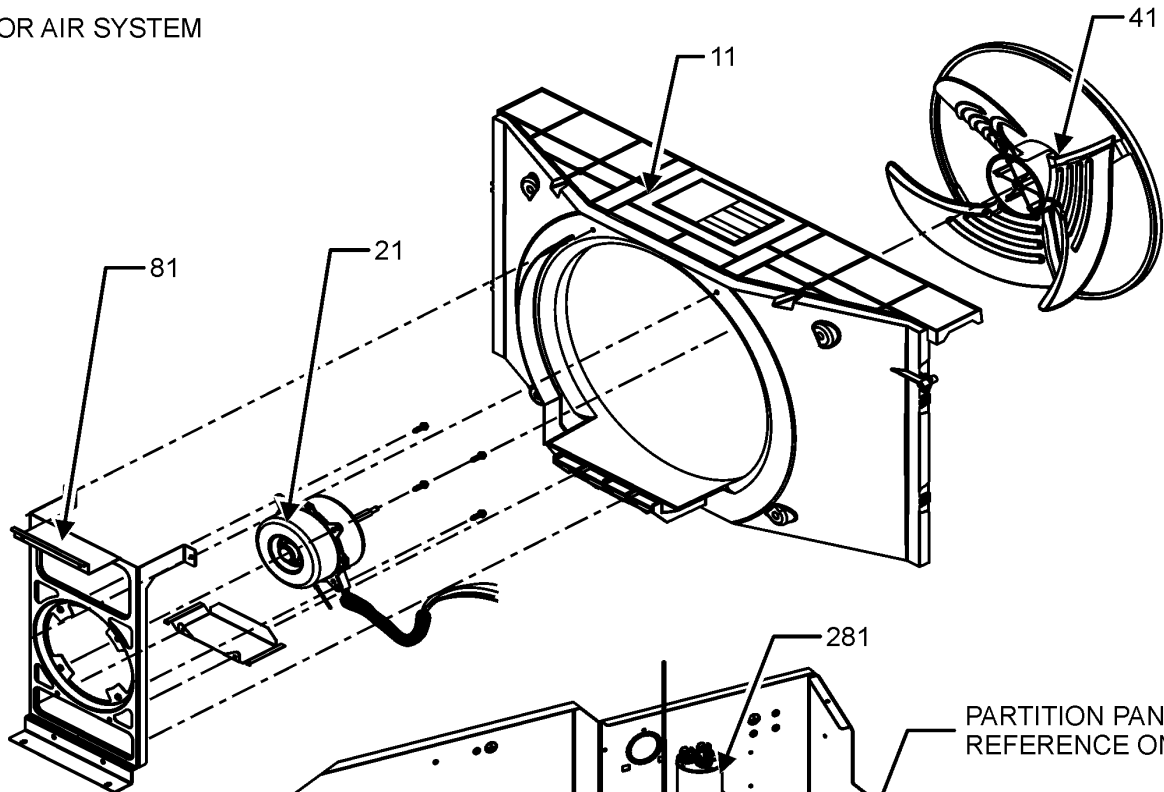
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0261P00033		FRONT ASSY (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)
21	0161P00132		LOUVERED FRONT DISCHARGE (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)
31	0161P00148		FILTER RACK (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)
51	0163P00025		CLIP (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)
201	0121P00431		CONTROL BOX PANEL
211	PCBCP160		M90 Board Tier 1 (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)
211	PCBCP170		M90 Board Tier 2 (M2, M3, M10)
221	0130M00726		Transformer 20VA 240/208V (M1, M2, M3, M4, M5, M6, M7, M8, M9)
221	0130M00728		TRANSFORMER 20VA 277V (M10, M11, M12, M13, M14)
241	0121P00194BL		SCREEN DISCHARGE PAINTED (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)
301	CAP020150450CS		CAP, 2/15 MFD/450V/DUAL RD (M10, M11, M12, M13, M14)
301	CAP020200450CS		CAP, 2/20 MFD/450V/DUAL RD (M1, M2, M3, M4, M5, M6, M7, M8, M9)
701	0161P00140		COVER WIRE
721	3P263839-1		FERRITE CORE
801	0130M00727		Transformer 40VA 240/208V (M2, M3, M6, M8)
801	0130M00729		TRANSFORMER 40VA 277V (M10)
NS	A3410402		FUSE-15A - BLUE (M10, M11, M12)
NS	A3410403		FUSE-20A - ORANGE (M13)
NS	A3410404		FUSE-25A - GREEN (M14)
NS	C6476001		HOLDER-BAYONET FUSE - BLUE (M10, M11, M12)
NS	C6476003		HOLDER-BAYONET FUSE - GREEN (M14)
NS	C6476002		HOLDER-BAYONET FUSE - ORANGE (M13)
NS	0259P00043		WIRE HARNESS KIT

Expanded Model Nomenclature

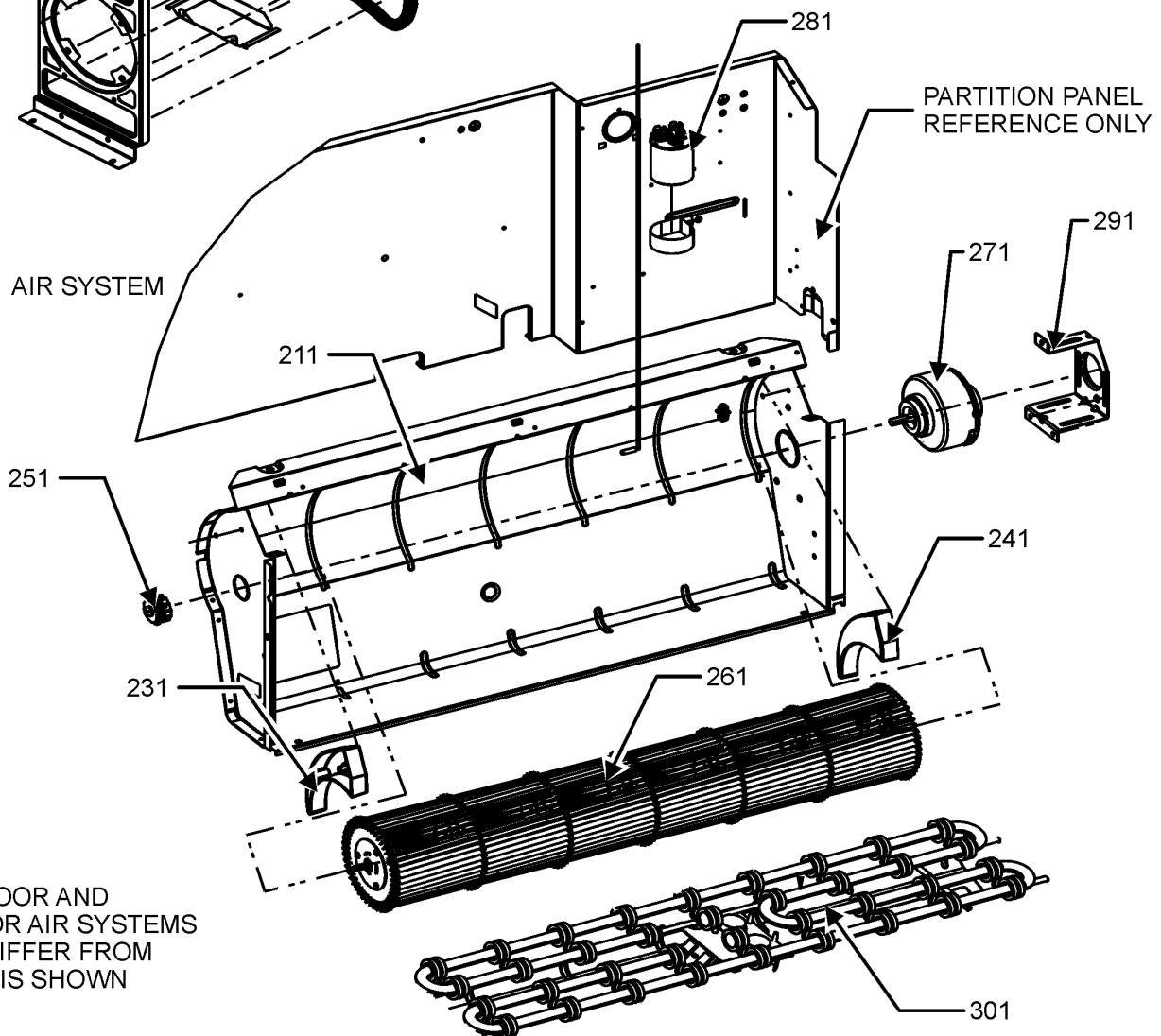
M1 - PTC093K00AXXXAA
 M2 - PTC093K00HVXXAA
 M3 - PTC093K00HXXAA
 M4 - PTC093K15AXXXAA
 M5 - PTC093K25AXXXAA
 M6 - PTC093K25VXXAA
 M7 - PTC093K35AXXXAA
 M8 - PTC093K35VXXAA
 M9 - PTC093K50AXXXAA
 M10 - PTC094K00HXXAA
 M11 - PTC094K15AXXXAA
 M12 - PTC094K25AXXXAA
 M13 - PTC094K35AXXXAA
 M14 - PTC094K50AXXXAA

OUTDOOR AND INDOOR AIR SYSTEM

OUTDOOR AIR SYSTEM



INDOOR AIR SYSTEM



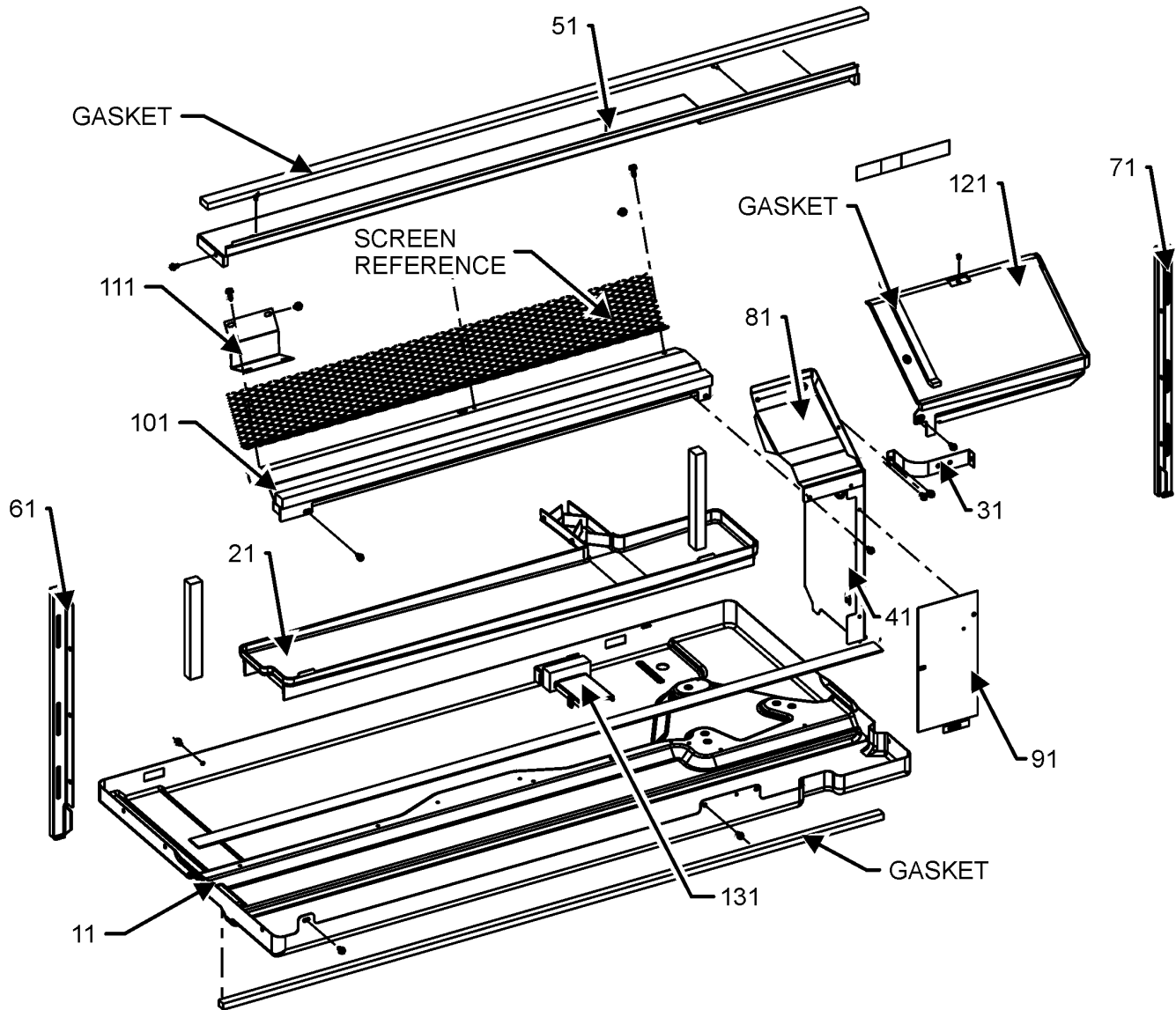
OUTDOOR AND
INDOOR AIR SYSTEMS
MAY DIFFER FROM
WHAT IS SHOWN

OUTDOOR AND INDOOR AIR SYSTEM

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0261P00034	ASY CONDENSER SHROUD	M1 - PTC093K00AXXXAA
21	0131P00085	OUTDOOR MOTOR, DC (M10)	M2 - PTC093K00HVXXAA
21	0131P00068	OUTDOOR MOTOR-PSC (M1, M2, M3, M4, M5, M6, M7, M8, M9)	M3 - PTC093K00HXXAA
21	0131P00069	OUTDOOR MOTOR-PSC (M11, M12, M13, M14)	M4 - PTC093K15AXXXAA
41	0161P00055	FAN CONDENSER	M5 - PTC093K25AXXXAA
81	0121P00350	MOTOR BRACKET, SHROUD	M6 - PTC093K25VXXAA
211	0270P01642	SCROLL ASSY	M7 - PTC093K35AXXXAA
231	0161P00153	PTAC END CAP LEFT	M8 - PTC093K35VXXAA
241	0161P00152	END CAP RIGHT	M9 - PTC093K50AXXXAA
251	0163P00027	BEARING	M10 - PTC094K00HXXAA
261	0150P00005	WHEEL BLOWER	M11 - PTC094K15AXXXAA
271	0131P00062	INDOOR MOTOR DC (M2, M3, M10)	M12 - PTC094K25AXXXAA
271	0131P00060	INDOOR MOTOR-PSC (M1, M4, M5, M6, M7, M8)	M13 - PTC094K35AXXXAA
271	0131P00061	INDOOR MOTOR-PSC (M9)	M14 - PTC094K50AXXXAA
271	0131P00070	INDOOR MOTOR-PSC (M11, M12, M13)	
271	0131P00071	INDOOR MOTOR-PSC (M14)	
281	CAP010000500RP	CAPACITOR (M11, M12, M13)	
281	CAP015000500RP	CAPACITOR (M14)	
281	CAP020000440RP	CAPACITOR (M1, M4, M5, M6, M7, M8, M9)	
291	0121P00048	BRACKET MOTOR MOUNT	
301	0275P00087	Heater 230 v -3.5 KW (M7, M8)	
301	0275P00089	Heater 230 v -5 KW (M9)	
301	0275P00088	Heater 265 v -3.5 KW (M13)	
301	0275P00090	Heater 265 v -5 KW (M14)	
301	0275P00019	HEATER ASSY (M5, M6)	
301	0275P00022	HEATER ASSY (M4)	
301	0275P00023	HEATER ASSY (M12)	
301	0275P00026	HEATER ASSY (M11)	
NS	0163P00029	CAPACITOR CLAMP (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)	
NS	0130P00177	CORD, 250 VAC, 20A (LCDI (M7, M8)	
NS	0130P00184	CORD, 250VAC, 15A, (LCDI (M1, M2, M3, M4, M5, M6)	
NS	0130P00178	CORD, 277V, 20A (M10, M11, M12, M13)	
NS	0130P00186	CORD, 277V, 30A (M14)	
NS	0130P00185	CORD,250VAC,30A (LCDI) (M9)	
NS	0163P00052	THERMISTOR CLAMP	

BASE PAN ASSEMBLY

BASE PAN ASSEMBLY



BASE PAN ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BASE PAN ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

11	0121P00284DG	BASE PAN, PAINTED
21	0161P00154	PLASTIC- DRAIN PAN
31	C6300502	STAP CAP CO PTC
41	0121P00432	PANEL MID PRT
51	0121P00376	PANEL, TOP PARTITION, PAINTED
61	0121P00379	SEAL L SIDE PTC
71	0121P00380	SEAL R SIDE PTC
81	0121P00371DG	PAINTED COVER MOTOR
91	0121P00374	COVER ACCESS
101	0121P00377DG	CUTOFF SCROLL DG
111	0121P00233	LEFT SIDE SCRILL BLOCKOFF
121	0161P00142	SPLASH GUARD
131	0161P00147	COVER DRAIN PAN

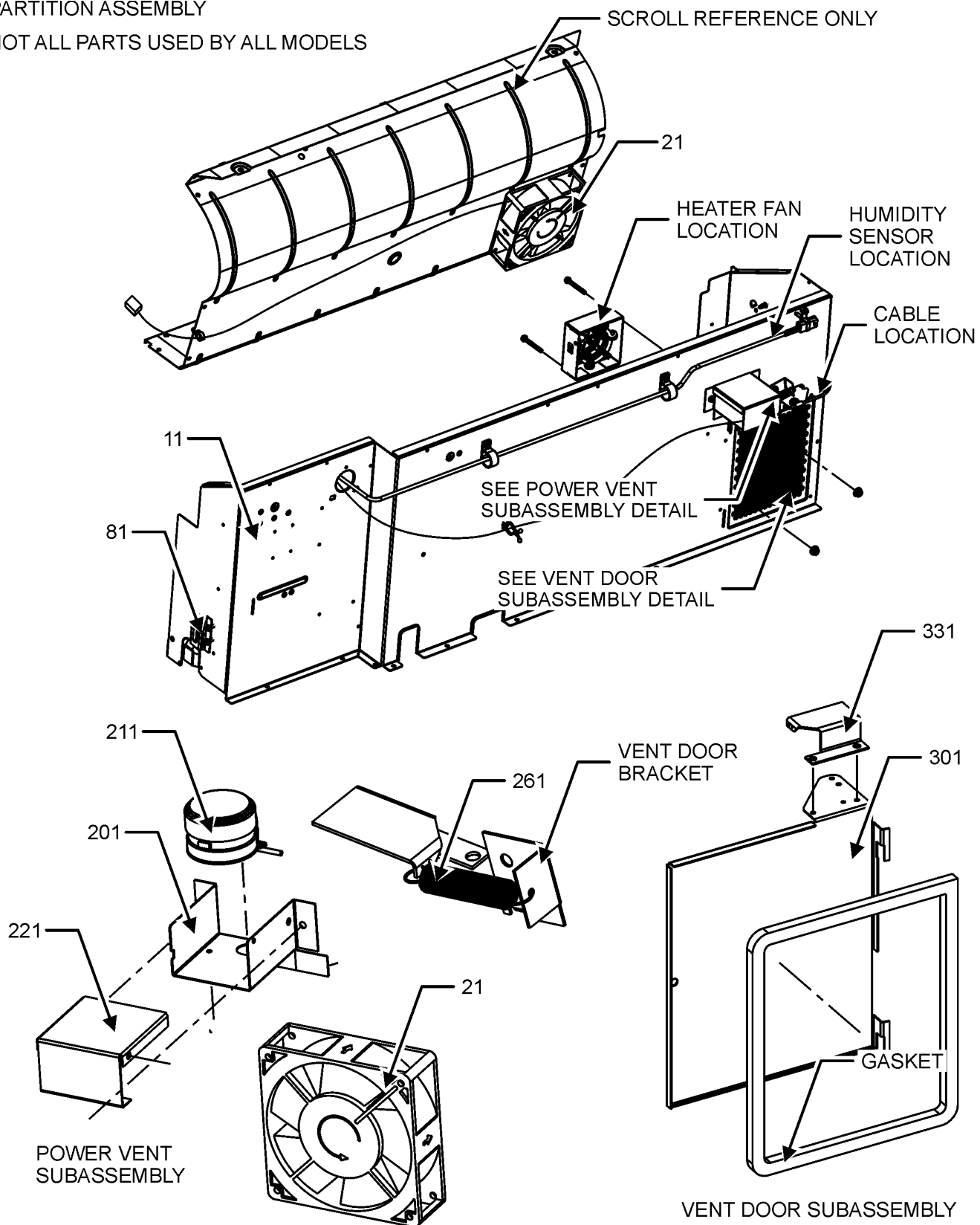
Expanded Model Nomenclature

M1 - PTC093K00AXXXAA
 M2 - PTC093K00HVXXAA
 M3 - PTC093K00HXXAA
 M4 - PTC093K15AXXXAA
 M5 - PTC093K25AXXXAA
 M6 - PTC093K25VXXAA
 M7 - PTC093K35AXXXAA
 M8 - PTC093K35VXXAA
 M9 - PTC093K50AXXXAA
 M10 - PTC094K00HXXAA
 M11 - PTC094K15AXXXAA
 M12 - PTC094K25AXXXAA
 M13 - PTC094K35AXXXAA
 M14 - PTC094K50AXXXAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY

NOT ALL PARTS USED BY ALL MODELS



PARTITION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

PARTITION ASSEMBLY

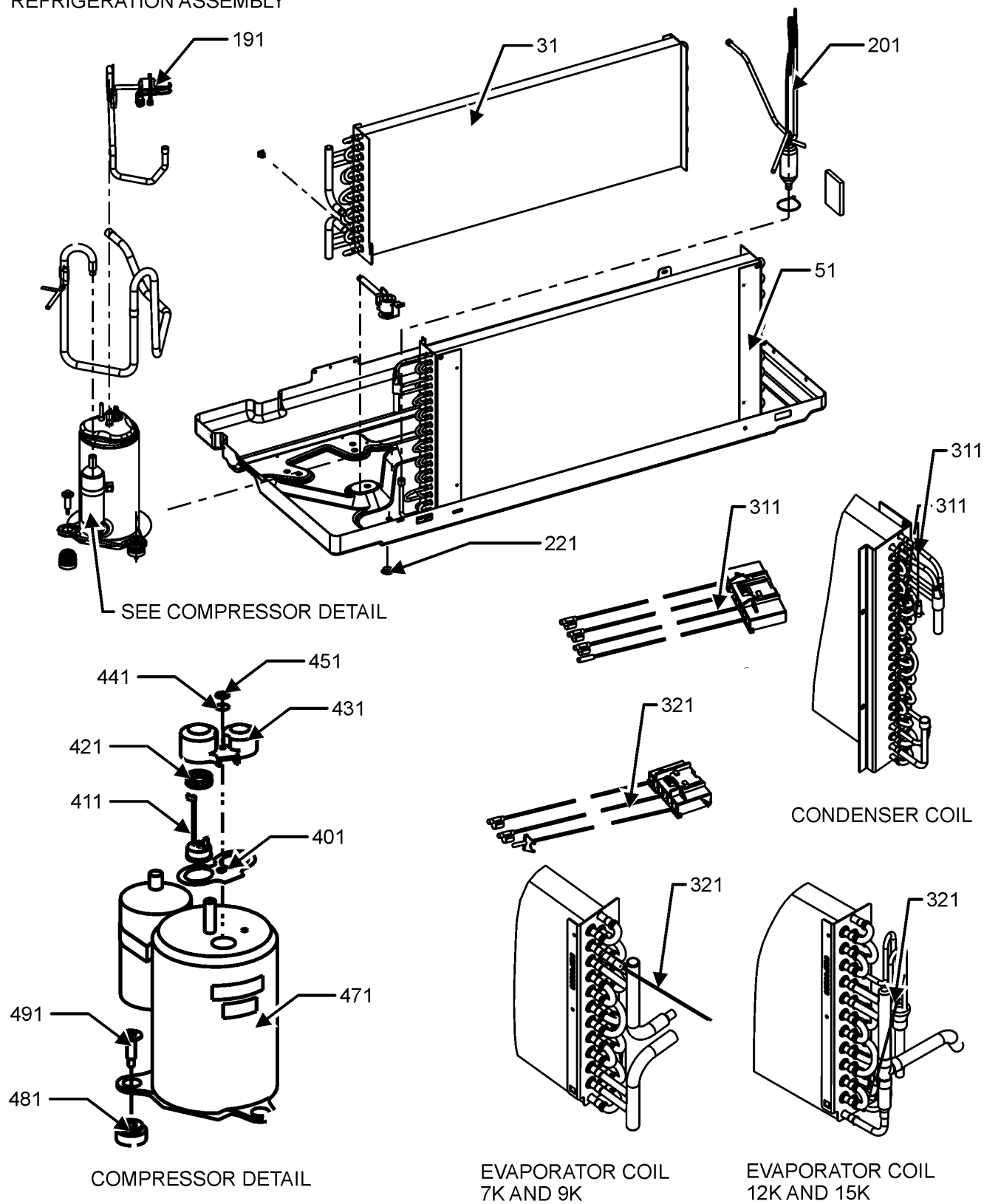
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00360		PANEL, PARTITION, PAINTED
21	0131P00081		FAN MUFFIN (M2, M6, M8)
81	11191703		BRKT-PART PAN (M1, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14)
201	11166101		BRKT-MOTOR PTC (M2, M6, M8)
211	0130P00137		MOTOR (M2, M6, M8)
221	11166201		BRKT-COVER PTC (M2, M6, M8)
261	11166401		SPRING-EXTENSION (M2, M6, M8)
301	0121P00177		DOOR PNT VENT PTC
331	0121P00180		BRKT POWER VENT (M2, M6, M8)
NS	0121P00072		BRACKET, VENT DOOR (M1, M3, M4, M5, M7, M9, M10, M11, M12, M13, M14)
NS	0121P00079		BRACKET, VENT DOOR (M2, M6, M8)
NS	0163P00019		CABLE (M1, M3, M4, M5, M7, M9, M10, M11, M12, M13, M14)
NS	0130P00187		HUMIDITY SENSOR (M2, M6, M8)
NS	11046302		LEVER ARM PTC (M1, M3, M4, M5, M7, M9, M10, M11, M12, M13, M14)
NS	0259P00039		WIRE HARNESS (M2, M6, M8)

Expanded Model Nomenclature

M1 - PTC093K00AXXXAA
 M2 - PTC093K00HVXXAA
 M3 - PTC093K00HXXAA
 M4 - PTC093K15AXXXAA
 M5 - PTC093K25AXXXAA
 M6 - PTC093K25VXXAA
 M7 - PTC093K35AXXXAA
 M8 - PTC093K35VXXAA
 M9 - PTC093K50AXXXAA
 M10 - PTC094K00HXXAA
 M11 - PTC094K15AXXXAA
 M12 - PTC094K25AXXXAA
 M13 - PTC094K35AXXXAA
 M14 - PTC094K50AXXXAA

REFRIGERATION ASSEMBLY

REFRIGERATION ASSEMBLY



REFRIGERATION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

REFRIGERATION ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
31	0202P00114		7MM EVAP ASSY 2 ROW
51	0201P00164		ASSY 5MM CONDENSER COIL
191	0130M00735		SWITCH HIGH PRESSURE
201	0210P00637		CAPILLARY WELDMENT (M10, M11, M12, M13, M14)
201	0210P00736		CAPILLARY WELDMENT (M1, M2, M3, M4, M5, M6, M7, M8, M9)
221	M0570805		PLUG BUTTON
311	0130P00188		THERMISTOR OUT 5MM
321	0130P00167		THERMISTOR INDOOR
401	60100107		TERMINAL COVER GASKET (M10, M11, M12, M13, M14)
401	60100103		TERMINAL GASKET (M1, M2, M3, M4, M5, M6, M7, M8, M9)
411	60349608A		PROTECTOR, OVERLOAD, RECHI (M1, M2, M3, M4, M5, M6, M7, M8, M9)
421	60500101		OLP SPRING - RECHI COMPRESSOR (M1, M2, M3, M4, M5, M6, M7, M8, M9)
431	60100317		TERMINAL COVER (M10, M11, M12, M13, M14)
431	60100314		TERMINAL COVER - RECHI COMP (M1, M2, M3, M4, M5, M6, M7, M8, M9)
441	60100201		WASHER - RECHI COMPRESSOR
451	60100401		TERMINAL NUT - RECHI COMP
471	39B202BD&0JKZ		Compressor-R410-A (M1, M2, M3, M4, M5, M6, M7, M8, M9)
471	39B207GD&0JKB		Compressor-R410-A (M10, M11, M12, M13, M14)
481	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
491	0163M00079		SCREW, SHOULDER (QTY 3)
NS	0259P00036		WIRE HARNESS

Expanded Model Nomenclature

M1 - PTC093K00AXXXAA
 M2 - PTC093K00HVXXAA
 M3 - PTC093K00HXXAA
 M4 - PTC093K15AXXXAA
 M5 - PTC093K25AXXXAA
 M6 - PTC093K25VXXAA
 M7 - PTC093K35AXXXAA
 M8 - PTC093K35VXXAA
 M9 - PTC093K50AXXXAA
 M10 - PTC094K00HXXAA
 M11 - PTC094K15AXXXAA
 M12 - PTC094K25AXXXAA
 M13 - PTC094K35AXXXAA
 M14 - PTC094K50AXXXAA